(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 23 October 2003 (23.10.2003)

PCT

(10) International Publication Number WO 03/087818 A2

(51) International Patent Classification7:

G01N 33/50

(21) International Application Number: PCT/EP03/03277

(22) International Filing Date: 28 March 2003 (28.03.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 02 008 650.0

17 April 2002 (17.04.2002) EP

- (71) Applicant (for all designated States except US): DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS [DE/DE]; Im Neuenheimer Feld 280, 69120 Heidelberg (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): NIEHRS, Christof [DE/DE]; Klingenteichstrasse 6b, 69117 Heidelberg (DE). MAO, Bingyu [CN/DE]; Neumarkt 2, 69117 Heidelberg (DE).

- (74) Agent: SCHÜSSLER, Andrea; Patentanwälte Huber & Schüssler, Truderinger Strasse 246, 81825 München (DE).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

× ×

(54) Title: COMPOSITIONS FOR DIAGNOSIS AND THERAPY OF DISEASES ASSOCIATED WITH ABERRANT EXPRESSION OF KREMEN AND/OR WNT

(57) Abstract: The present invention relates to a composition useful for the diagnosis and therapy of diseases associated with aberrant expression of the gene encoding the receptor Kremen 1 and/or Kremen 2 e.g. tumors or diseases of the kidneys, bones and eyes, lipid and glucose metabolism and obesity. The present invention also relates to a pharmaceutical composition containing a compound which is capable of modifying (a) the expression of the gene encoding Kremen 1 and/or Kremen 2 or (b) the activity of the Kremen 1 and/or Kremen 2 receptor.